ITLS 5700: Artificial Intelligence for Learning and Design

Course Description

This course explores the use of Artificial Intelligence (AI) tools in educational settings, including trends, ethics, and practical applications for existing and emerging technologies. The course is project-based and will conclude with the development of an instructional project built using various AI tools. Due to the rapidly developing nature of AI tools, the course will be based on those tools that have proven to be effective for designing learning experiences while still using good principles of instructional design.

Course Learning Objectives

By the end of this course, you will be able to:

1. Identify different types of AI tools used in learning and design.
2. Describe the trends in AI for learning and design.
3. Apply AI tools to design learning experiences
4. Develop a critical understanding of the potential benefits and limitations of AI in education.
5. Foster a commitment to using AI ethically and responsibly in educational settings.

Instructor Information

Instructor: Ford Rasmussen

Office: Remote

Cellphone: (435) 294-8469

Email: ford.rasmussen@usu.edu

Office Hours: By appointment (Zoom)

If you have any questions or need help, feel free to reach out. I will do my best to respond to emails within 24-48 hours. Additionally, I am available for Zoom meetings. Please text or email me, and we can schedule a convenient time.

Required Materials

There is no textbook for this course. We use available online resources to learn, including websites, videos, and articles. If you find a broken link, please let me know.

Instead of **a textbook,** we will be using practical tools available online. While most offer free trials that we will be able to use, you will be required to purchase at least a 1-month subscription to **Midjourney, which costs $10/month.** I'll plan the assignments around this tool within 4 weeks, so you may cancel it after one month. This tool is an industry leader; it is valuable and worth the cost to learn.

We will also use the Adobe Creative Suite, which is avaible to USU students through your USU email address. I recommend you download this as soon as possible to avoid delays. You can find download instructions through the Academic Support websiteLinks to an external site.. If you need help with this contact the IT service deskLinks to an external site..

Course Schedule

Since this course is offered as an online-asynchronous course, I plan to make it flexible for you. While I will include weekly due dates in Canvas, I will grade late assignments with no penalty. That said, I will prioritize grading the students' work that is submitted on time. Weekly modules will primarily include learning materials (reading/videos), assignments/projects, and discussions. This means potential exceptions to this leniency include group work and discussions, where failure to participate promptly may result in point deductions. The course will conclude with a final instructional project.

Weekly topics include the following:

1. Understanding AI in Context: Trends, Privacy, and Ethics
2. AI Tools Capabilities and Limits
3. AI Tools in Education
4. AI for Writing
5. AI Text-to-Image
6. AI Tools for Graphic Design (Photoshop)
7. Ai Tools for Graphic Design (Illustrator)
8. Midjourney
9. AI Tools for Assessment and Feedback
10. AI Tools for Sound Design
11. AI Tools for Video Development

12. AI Tools for Video Development Part 2
13. Revisit AI Perceptions and Trends
14. Final Project

Evaluation Methods and Criteria

Assignments are shown due **Sunday nights by 11:59 PM**. You should plan on 1-3 hours for learning material and assignments each week (it will vary). Some will be more simple and take less than this.

Grade Scheme

The following grading standards will be used in this class:

Grade	Range
A	93% to 100%
A-	90% to < 93%
B+	87% to < 90%
B	83% to < 87%
B-	80% to < 83%
C+	77% to < 80%
C	73% to < 77%
C-	70% to < 73%
D+	67% to < 70%
D	60% to < 67%
F	0% to < 60%

Canvas Information

Course content, grades, and communication will occur primarily through Canvas.

- usu.instructure.com
- For Canvas, Passwords, or any other computer-related technical support contact the IT Service Desk.
  - (435) 797-HELP(4357)
  - Live ChatLinks to an external site.

- servicedesk@usu.edu

Note About Course Development

We are excited to offer this course to you this summer (2024). Note that at the time of this writing the course is still under development and this syllabus is subject to change as the course is finalized. I am actively developing content, assignments, and assessments to ensure a valuable learning experience. Any changes will be communicated promptly and clearly via Canvas announcements.

University Policies & Procedures

Appropriate Use of Canvas and Other IT Resources

Canvas and all other course technologies are information technology services provided as tools to further the mission of the university. By using these services, users agree to comply with USU Policy 550: Appropriate Use of Computing, Networking, and Information ResourcesLinks to an external site. and the accompanying Terms of use for USU ITLinks to an external site. resources, as well as Article V-3.B.25.cLinks to an external site. of the USU Student Code. Using course technologies in ways that are inconsistent with the university's mission or are disruptive will not be tolerated. Disruptive behavior includes any activity that interferes with either the faculty member's ability to conduct the class or the ability of other students to profit from the instructional program.

Classroom Behavior

Utah State University supports the principle of freedom of expression for both faculty and students. The University respects the rights of faculty to teach and students to learn. Maintenance of these rights requires classroom conditions that do not impede the learning process. Disruptive classroom behavior will not be tolerated. An individual engaging in such behavior may be subject to disciplinary action. Read Student Code Article V Section V-3Links to an external site. for more information.

Academic Freedom and Professional Responsibilities

Academic freedom is the right to teach, study, discuss, investigate, discover, create, and publish freely. Academic freedom protects the rights of faculty members in teaching and of students in learning. Freedom in research is fundamental to the advancement of truth. Faculty members are entitled to full freedom in teaching, research, and creative

activities, subject to the limitations imposed by professional responsibility. Faculty Code Policy #403Links to an external site. further defines academic freedom and professional responsibilities.

Academic Integrity – "The Honor System"

Each student has the right and duty to pursue his or her academic experience free of dishonesty. To enhance the learning environment at Utah State University and to develop student academic integrity, each student agrees to the following Honor Pledge: *"I pledge, on my honor, to conduct myself with the foremost level of academic integrity."* A student who lives by the Honor Pledge is a student who does more than not cheat, falsify, or plagiarize. A student who lives by the Honor Pledge:

- Espouses academic integrity as an underlying and essential principle of the Utah State University community;
- Understands that each act of academic dishonesty devalues every degree that is awarded by this institution; and
- Is a welcomed and valued member of Utah State University.

Academic Dishonesty

The instructor of this course will take appropriate actions in response to Academic Dishonesty, as defined the University's Student Code. Acts of academic dishonesty include but are not limited to:

- **Cheating**: using, attempting to use, or providing others with any unauthorized assistance in taking quizzes, tests, examinations, or in any other academic exercise or activity. Unauthorized assistance includes:
- o Working in a group when the instructor has designated that the quiz, test, examination, or any other academic exercise or activity be done "individually;"
- o Depending on the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;
- o Substituting for another student, or permitting another student to substitute for oneself, in taking an examination or preparing academic work;
- o Acquiring tests or other academic material belonging to a faculty member, staff member, or another student without express permission;
- o Continuing to write after time has been called on a quiz, test, examination, or any other academic exercise or activity;
- o Submitting substantially the same work for credit in more than one class, except with prior approval of the instructor; or engaging in any form of research fraud.

- **Falsification**: altering or fabricating any information or citation in an academic exercise or activity.
- **Plagiarism**: representing, by paraphrase or direct quotation, the published or unpublished work of another person as one's own in any academic exercise or activity without full and clear acknowledgment. It also includes using materials prepared by another person or by an agency engaged in the sale of term papers or other academic materials.

For additional information go to: ARTICLE VI. University Regulations Regarding Academic IntegrityLinks to an external site.

Discrimination and Sexual Misconduct

General Overview

USU strives to provide an environment for students and employees that is free from discriminationLinks to an external site. and sexual misconductLinks to an external site.. If you experience sexual misconduct or discrimination at any point during the semester inside or outside of class, you are encouraged to contact the USU Title IX Coordinator via Distance Education room 400 in Logan, 435-797-1266, titleix@usu.edu, or at equity.usu.edu/reportLinks to an external site.. You can learn more about the USU resources available for individuals who have experienced sexual misconduct at sexualrespect.usu.eduLinks to an external site.. Resources for individuals who have experienced discrimination are listed at equity.usu.edu/resourcesLinks to an external site..

Required Reporting of Sexual Misconduct and Threats of Harm

USU cares about our students and provides a number of resources and supportive measures to students who may be experiencing thoughts of self-harm or who have experienced sexual misconduct. To ensure students are informed about resources and services available to them, including available grievance or criminal processes for incidents of sexual misconduct, USU has implemented reporting policies and practicesLinks to an external site.that require designated employees to report any information they receive about incidents of sexual misconduct. This reporting policy also assists USU with its efforts to prevent sexual misconduct and keep our campus community safe.

Under USU's sexual misconduct reporting policy, I am designated as a "reporting employeeLinks to an external site.." This means that if you share information with me about incidents of sexual misconductLinks to an external site. (sexual harassment, sexual assault, relationship violence, or sex-based stalking), including within a course assignment, , I *will report* that information to the USU Title IX CoordinatorLinks to an external site.. I will also share with you information about designated confidential resourcesLinks to an external site., supportive measuresLinks to an external site., and how you can file a reportLinks to an external site. with the USU Title IX Coordinator.

Self-disclosures about sexual misconduct that you experienced are not required for your course work.

Similarly, if you disclose thoughts of harm to self or a threat to others to me, including within a course assignment, I will report the information to the appropriate campus administrators. I will also share with you information about the mental health and wellness resourcesLinks to an external site. available to you.

Withdrawal Policy and "I" Grade Policy

Students are required to complete all courses for which they are registered by the end of the semester. In some cases, a student may be unable to complete all of the coursework because of extenuating circumstances, but not due to poor performance or to retain financial aid. The term 'extenuating' circumstances includes: (1) incapacitating illness which prevents a student from attending classes for a minimum period of two weeks, (2) a death in the immediate family, (3) financial responsibilities requiring a student to alter a work schedule to secure employment, (4) change in work schedule as required by an employer, or (5) other emergencies deemed appropriate by the instructor.

Students with Disabilities

USU welcomes students with disabilities. If you have, or suspect you may have, a physical, mental health, or learning disability that may require accommodations in this course, please contact the Disability Resource Center (DRC) Links to an external site. as early in the semester as possible (University Inn # 101, (435) 797-2444, drc@usu.edu). All disability related accommodations must be approved by the DRC. Once approved, the DRC will coordinate with faculty to provide accommodations.

Students who are at a higher risk for complications from COVID-19 or who contract COVID-19 may also be eligible for accommodations.

Respect for Diversity

Regardless of intent, careless or ill-informed remarks can be offensive and hurtful to others and detract from the learning climate. If you feel uncomfortable in a classroom due to offensive language or actions by an instructor or student(s) regarding ethnicity, gender, or sexual orientation, contact:

- Division of Student Affairs: https://studentaffairs.usu.eduLinks to an external site., (435) 797-1712, studentservices@usu.edu, TSC 220
- Student Legal Services: https://www.usu.edu/involvement/student-association/student-advocacy/legal-servicesLinks to an external site., (435) 797-2912, TSC 326,
- Access and Diversity: https://www.usu.edu/inclusion/Links to an external site., (435) 797-1728, access@usu.edu; TSC 315
- Multicultural Programs: https://www.usu.edu/inclusion/programs/multicultural/Links to an external site., (435) 797-1728, TSC 315
- LGBTQA Programs: https://www.usu.edu/inclusion/programs/lgbtplus-and-allies/Links to an external site., (435) 797-1728, TSC 3145
- Provost's Office Diversity Resources: https://www.usu.edu/provost/diversityLinks to an external site., (435) 797-8176

You can learn about your student rights by visiting:
The Code of Policies and Procedures for Students at Utah State University:
https://studentconduct.usu.edu/studentcodeLinks to an external site.

Grievance Process

Students who feel they have been unfairly treated may file a grievance through the channels and procedures described in the Student Code: Article VIILinks to an external site..

Full details for USU Academic Policies and Procedures can be found at:
- Acceptable Use of University Computing ResourcesLinks to an external site.
- Student ConductLinks to an external site.
- Student CodeLinks to an external site.
- Academic IntegrityLinks to an external site.
- USU Academic Policies and ProceduresLinks to an external site.
- Academic Freedom and Professional Responsibility PolicyLinks to an external site.

Emergency Procedures

In the case of a drill or real emergency, classes will be notified to evacuate the building by the sound of the fire/emergency alarm system or by a building representative. In the event of a disaster that may interfere with either notification, evacuate as the situation dictates (i.e., in an earthquake when shaking ceases or immediately when a fire is discovered). Turn off computers and take any personal items with you. Elevators should not be used; instead, use the closest stairs.

General Health Protocols

The cold, flu, COVID-19, and other illnesses can have an impact on the health of our university community. USU welcomes the wearing of masks in all university buildings and encourages taking measures to mitigate risk as recommended by federal and state public health officials: getting vaccinated, staying home if you are sick (even with mild symptoms), and frequent hand washing.

Mental Health

Mental health is critically important for the success of USU students. As a student, you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce your ability to participate in daily activities. Utah State University provides free services for students to assist them with addressing these and other concerns. You can learn more about the broad range of confidential mental health services available on campus at Counseling and Psychological Services (CAPS)Links to an external site..

Students are also encouraged to download the "SafeUT App"Links to an external site. to their smartphones. The SafeUT application is a 24/7 statewide crisis text and tip service that provides real-time crisis intervention to students through texting and a confidential tip program that can help anyone with emotional crises, bullying, relationship problems, mental health, or suicide related issues.

Online Course Fee

$15 per credit course fee is applied to all online courses to support digital technologies and support services required for engaging and effective online learning.